

POLYPEPTIDE WITH 46 DALTON HMFG DIFFERENTIATION  
ANTIGEN BINDING SPECIFICITY AND CLOTTING FACTORS  
V AND VIII LIGHT-CHAIN HOMOLOGIES, FUSION PROTEIN,  
POLYNUCLEOTIDE, AND POLYRIBONUCLEOTIDE ENCODING  
THE POLYPEPTIDE, ANTI-POLYPEPTIDE  
ANTIBODIES, KITS, AND METHODS OF USE THEREOF

Abstract of the Disclosure

10 A polypeptide has the antibody binding activity of  
the 46K dalton HMFG differentiation antigen and/or  
homology to at least one of the light chains of clotting  
factors V and VIII and is also provided as a fusion  
15 protein with a second antigenic polypeptide. An antibody  
has affinity for the polypeptide of the invention or a  
functional fragment thereof. in vivo and in vitro methods  
for therapy vaccination and detecting the presence of the  
polypeptide, the antibody, the DNA and RNA of the  
invention are provided. DNA and RNA sequences encode the  
20 polypeptide of the invention or fragments thereof and  
immunoassay kits comprise the antibodies and/or  
polypeptides of the invention.